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‡Practice Limited to Federal Agencies

August 27, 2003

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AUG 28 2003
TECH CENTER 1600/2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Art Unit 1647

Re: U.S. Utility Patent Application
Appl. No. 09/917,789; Filed: July 31, 2001
For: **Model for Alzheimer's Disease and Other Neurodegenerative Diseases**
Inventors: **Lynch et al.**
Our Ref: 1819.0030002/MAC/TSC

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Form PTO-2038 Credit Card Payment Form for \$7,413.00 to cover:
\$ 465.00 Extension Fee Under 37 C.F.R. § 1.136;
\$6,948.00 Extra Claim Fee (37 C.F.R. 1.16);
2. Fee Transmittal Form (PTO/SB/17);
3. Petition For Extension of Time Under 37 C.F.R. § 1.136(a)(1);
4. Amendment And Reply Under 37 C.F.R. § 1.111 and in the Revised Format of the Pre-OG Notice Dated January 31, 2003;
5. A copy of the Declaration of Xiaoning Bi and Gary Lynch, executed by Gary Lynch;
6. A copy of the date-stamped postcard previously filed on July 31, 2001;
7. A copy of the face page of Publication No. US 2002/0048746 A1;

Commissioner for Patents
August 27, 2003
Page 2

8. A copy of the Abstract of the Disclosure of the captioned patent application;
9. 11 pages of Replacement Drawing Sheets (Figs. 6A-6B, 12A-12B, 14A-14B, 15, 17, 20, 21A-21B, 22, 23, 26 and 27);
10. 11 pages of Annotated Drawing Sheets (Figs. 6A-6B, 12A-12B, 14A-14B, 15, 17, 20, 21A-21B, 22, 23, 26 and 27);
11. Fifth Supplemental Information Disclosure Statement under 37 C.F.R. § 1.97(c);
12. Form PTO-1449 (1 sheet citing 2 documents);
13. 2 documents cited in Form PTO-1449 attached; and
14. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

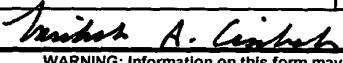
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michele A. Cimbala
Michele A. Cimbala
Attorney for Applicants
Registration No. 33,851

MAC/TSC/lam
Enclosures

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AUG 27 2003 FREE TRANSMITTAL for FY 2003		Complete if Known					
<i>Effective 01/01/2003. Patent fees are subject to annual revision.</i>		RECEIVED					
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		AUG 28					
TOTAL AMOUNT OF PAYMENT (\$7413.00)		1819.0030002/MAC/TSC					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other** <input type="checkbox"/> None ** Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.		3. ADDITIONAL FEES					
Th Commissioner is authorized to: (check all that apply)		Large Entity Small Entity					
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Credit any over payments <input type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
FEE CALCULATION		1051 130 2051 65 Surcharge - late filing fee or oath 1502 50 2052 25 Surcharge-late provisional filing fee or cover sheet 1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action 1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action 1251 110 2251 55 Extension for reply within first month 1252 410 2252 205 Extension for reply within second month 1253 930 2253 465 Extension for reply within third month 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 985 Extension for reply within fifth month 1401 320 2401 160 Notice of Appeal 1402 320 2402 160 Filing a brief in support of an appeal 1403 280 2403 140 Request for oral hearing 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,300 2453 650 Petition to revive - unintentional 1501 1,300 2501 650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee 1503 630 2503 315 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1801 750 2801 375 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) _____					
1. BASIC FILING FEE		Large Entity Small Entity					
Fee Code Fee (\$) Fee Code Fee (\$)		Fee Description Fee Paid					
1001 750 2001 375 Utility filing fee _____ 1002 330 2002 165 Design filing fee _____ 1003 520 2003 260 Plant filing fee _____ 1004 750 2004 375 Reissue filing fee _____ 1105 160 2005 80 Provisional filing fee _____		SUBTOTAL (1) (\$ 0.00)					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		Fee from Extra below Fee Paid					
Total Claims 884 - 112** = 772 X 9.00 = 6948.00 Indep. Claims 2 - 8** = 0 X 0.00 = 0.00 Multiple Dependent 0 = 0.00		SUBTOTAL (2) (\$ 6948.00)					
Large Entity Small Entity		Fee Description					
Fee Code Fee (\$) Fee Code Fee (\$)		Fee Description					
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$ 6948.00)					
**or number previously paid, if greater; For Reissue, see above		* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 465.00)					
SUBMITTED BY Complete (if applicable)							
Name (Print/Type)		Michele A. Cimbala		Registration No. (Attorney/Agent)		33,851	
Signature				Date		8-27-03	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TECH CENTER 1600/296

Applicant: LYNCH *et al.*
Application No.: *To be Assigned*
Filed: *Herewith*
For: **Model for Alzheimer's Disease and Other Neurodegenerative Diseases**

Due Date: July 31, 2001

Art Unit: *To be Assigned*

Examiner: *To be Assigned*

Docket: 1819.0030002

Atty: MAC/TSC

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. PTO Cover Letter;
2. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
3. U.S. Utility Patent Application entitled: Model for Alzheimer's Disease and Other Neurodegenerative Diseases and naming as inventors: Gary LYNCH and Xiaoning BI the application comprising: a. A specification containing: 109 pages of description prior to the claims; (ii) 15 pages of claims (94 claims); (iii) a one (1) page abstract; b. 30 sheets of drawings: (Figures 1-30);
4. Application Data Sheet (37 C.F.R. § 1.76)(*in duplicate*);
5. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An Extension of Time (*in duplicate*); and
6. Two (2) return postcards.



Box: PATENT APPLICATION
For Advance Notification of Application Number

Informational ~~Informational~~ **Due- 10-31-03**
Foreign filing Deadline - 7-31-02